

QY 181 CCATAGTACACCTACTGTTCTCCAGGAACAGGATCCACACCCCAAGGAAATCTCAT 240  
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 QY 241 CAGACGAGCAAAATTCATCCACCTACTACATCACTATCAAGATATCTTAGGAGCTC 300  
 DB 241 CAGACGAGCAAAATTCATCCACCTACTACATCACTATCAAGATATCTTAGGAGCTC 300  
 QY 301 TACTATTAATTTTAACTCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGGAGACC 360  
 DB 301 TACTATTAATTTTAACTCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGGAGACC 360  
 QY 361 CAGCAACTATACACGAGCAAACTCTTAATACACCCCAATATCAAGCCGAAATGAT 420  
 DB 361 CAGCAACTATACACGAGCAAACTCTTAATACACCCCAATATCAAGCCGAAATGAT 420  
 QY 421 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 472  
 DB 421 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 472

RESULT 2  
 AF022058 1140 bp DNA linear MAM 24-JUN-1999  
 LOCUS Antelope cervicapra cytochrome b (cytb) gene, mitochondrial gene  
 DEFINITION encoding mitochondrial protein, complete cds.  
 ACCESSION AF022058  
 VERSION 99240559  
 KEYWORDS AF022058.1 GI:4103291  
 SOURCE mitochondrion Antelope cervicapra (blackbuck)  
 ORGANISM Antelope cervicapra  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;  
 Antilopinae; Antelope.  
 1 (bases 1 to 1140)  
 Mathee,C.A. and Robinson,T.J.  
 Cytochrome b phylogeny of the family bovidae: resolution within the  
 alcelaphini, antilopini, neotragini, and tragelaphini  
 JOURNAL Mol. Phylogenet. Evol. 12 (1):33-45 (1999)  
 MEDLINE 99240559  
 PUBMED 10222159  
 REFERENCE 2 (bases 1 to 1140)  
 AUTHORS Mathee,C.A.  
 TITLE Direct Submission  
 JOURNAL Submitted (02-SEP-1997) Zoology & Entomology, University of  
 Pretoria, Lynwood Street, Pretoria, Gauteng 0002, South Africa  
 FEATURES Location/Qualifiers  
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 VEMINGSEVDKATLTPFAFHLPLFLAALPMWHLPLHRTGNNPFGTSSDADKI  
 PEPHYTIDILGALLILTLMLVLPSPOLLGDPNTYFANPLTFPHKPEWFLFL  
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## ORIGIN

Query Match 100.0%; Score 472; DB 4; Length 1140;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-124;

Matches 472; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 TACCATGAGGCAAAATATCTTTTTTGAGGAGCAACAGTCAATCAACCAATCTCTTTTCAGCA 60  
 DB 398 TACCATGAGGCAAAATATCTTTTTTGAGGAGCAACAGTCAATCAACCAATCTCTTTTCAGCA 457  
 QY 61 TCCCATACATCGGTACAAACCTAGTAGAATGATCTGAGGAGGTTCTCAGTAGATAAG 120  
 DB 458 TCCCATACATCGGTACAAACCTAGTAGAATGATCTGAGGAGGTTCTCAGTAGATAAG 517  
 QY 121 CAACCTTACCCGATTTTTCGCTTCCATTTATCTCTCCATTTATCTATCTGAGCCCTTA 180  
 DB 518 CAACCTTACCCGATTTTTCGCTTCCATTTATCTCTCCATTTATCTATCTGAGCCCTTA 577  
 QY 181 CCATAGTACACTACTGTTTCTCCAGGAACAGATCCCAACCCCAAGCAATCTCAT 240  
 DB 578 CCATAGTACACTACTGTTTCTCCAGGAACAGATCCCAACCCCAAGCAATCTCAT 637  
 QY 241 CAGACGAGCAAAATTCGATTCACCCCTACTACACTATCAAGATATCTTAGGAGCTC 300  
 DB 698 CAGACGAGCAAAATTCGATTCACCCCTACTACACTATCAAGATATCTTAGGAGCTC 697  
 QY 301 TACTATTAATTTTAACTCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGGAGACC 360  
 DB 698 TACTATTAATTTTAACTCTCATGCTTCTAGTCTTATCTCAGGAGCTCTGGAGACC 757  
 QY 361 CAGCAACTATACACGAGCAAACTCTTAATACACCCCAATATCAAGCCGAAATGAT 420  
 DB 758 CAGCAACTATACACGAGCAAACTCTTAATACACCCCAATATCAAGCCGAAATGAT 817  
 QY 421 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 472  
 DB 818 ACTTCTTATTTGATACGCAATCTCCGATCAATCTCTTAACAACTAGGAGG 869

RESULT 3  
 AF036283 1139 bp DNA linear MAM 01-DEC-1999  
 LOCUS Antelope cervicapra cytochrome b (cytb) gene, mitochondrial gene  
 DEFINITION encoding mitochondrial protein, partial cds.  
 ACCESSION AF036283  
 VERSION AF036283.1 GI:5777927  
 KEYWORDS mitochondrion Antelope cervicapra (blackbuck)  
 SOURCE Antelope cervicapra  
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;  
 Antilopinae; Antelope.  
 1 (bases 1 to 1139)  
 Hassanin,A. and Douzery,E.J.  
 The tribal radiation of the family Bovidae (Artiodactyla) and the  
 evolution of the mitochondrial cytochrome b gene  
 JOURNAL Mol. Phylogenet. Evol. 13 (2): 227-243 (1999)  
 MEDLINE 20072924  
 PUBMED 10603253  
 REFERENCE 2 (bases 1 to 1139)  
 AUTHORS Hassanin,A.  
 TITLE Direct Submission  
 JOURNAL Submitted (01-DEC-1997) Systematique Moleculaire (GDR 1005), Museum  
 National d'Histoire Naturelle, 43, rue Cuvier, Paris 75005, France  
 FEATURES Location/Qualifiers  
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 /organism="Antelope cervicapra"  
 /organelle="mitochondrion"  
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